

Claims:

1. A digital imaging system comprising:

- a. an image sensor;
- b. an orientation sensor; and
- c. an image manipulator adapted to:
 - i) receive image sensor orientation;
 - ii) receive image orientation; and
 - iii) adjust the image orientation.

2. A digital imaging system comprising:

- a. an image sensor configured to sense an image subject and to capture a presentation of the image;
- b. an orientation sensor configured to sense changes in the orientation of an image with respect to the base line orientation coordinates; and
- c. an image manipulator adapted to:
 - i) receive image sensor orientation from the image sensor;
 - ii) receive image orientation from the orientation sensor; and
 - iii) adjust the image orientation in relation to the baseline orientation coordinates.

3. The digital imaging system of claim 1 wherein the digital imaging system is chosen from the group consisting of still cameras and video cameras.

4. The digital imaging system of claim 1 wherein the image sensor is a charge coupled device array.

5. The digital imaging system of claim 1 wherein the orientation sensor is chosen from the group consisting of electronic gyroscopic sensors, mechanical gyroscopic sensors, and optical gyroscopic sensors.

1 6. The digital imaging sensor of claim 1 wherein the image manipulator comprises
2 an image rotation system.

1 7. A digital camera comprising:

- 2 a. a charge coupled device image sensor;
- 3 b. a gyroscopic camera orientation sensor; and
- 4 c. an image manipulator adapted to:
 - 5 i) receive image sensor orientation;
 - 6 ii) receive image orientation; and
 - 7 iii) rotate the image.

1 8. The digital camera of claim 6 wherein the digital camera is chosen from the group
2 consisting of still cameras and video cameras.

1 9. The digital camera of claim 6 wherein the gyroscopic orientation sensor is chosen
2 from the group consisting of electronic gyroscopic sensors, mechanical gyroscopic
3 sensors, and optical gyroscopic sensors.